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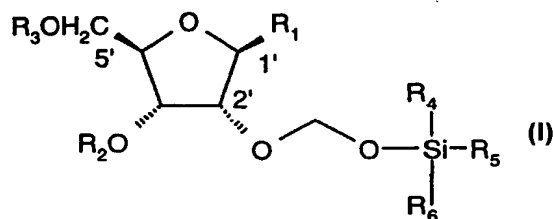
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(54) Title: 2'-O-TRISUBSTITUTED SILYLOXYMETHYL-RIBONUCLEOSIDE-DERIVATIVE AND METHOD FOR PREPAR-  
ING THE SAME



(57) Abstract: The invention provides ribonucleoside derivatives with novel protecting groups and methods for the preparation of such ribonucleoside derivatives. The general formula (I) of the ribonucleoside derivatives is: wherein R<sub>1</sub> is a base of the purine- or pyrimidine-family or a derivative of such a base or any other residue with serves as a nucleobase surrogate, R<sub>2</sub> is a proton or a substituted derivative of phosphonic acid, R<sub>3</sub> is a proton or a protection-group for the oxygen atom in 5'-position, R<sub>4</sub>, R<sub>5</sub> and R<sub>6</sub> are independently alkyl or aryl or a combination of alkyl and aryl or heteroatom, R<sub>4</sub>, R<sub>5</sub> or R<sub>6</sub> may also be cyclically connected to each other; and wherein at least

one of the R<sub>4</sub>, R<sub>5</sub> or R<sub>6</sub> substituents comprises a tertiary C-atom or a heteroatom vicinal to the Si-atom.

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## INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/09044 A (PITSCH STEFAN ; JENNY LUZI (CH); WEISS PATRICK A (CH)) 25 February 1999 (1999-02-25) cited in the application claims; examples 3-8	1-14
A	examples 3-5 ----- -/--	15-17

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	<p>GUNDERSEN ET AL: "Chloromethoxysilanes as protecting reagents for sterically hindered alcohols" ACTA CHEMICA SCANDINAVICA, MUNKSGAARD, COPENHAGEN, DK, vol. 43, no. 7, 1989, pages 706-709, XP002086775 ISSN: 0904-213X cited in the application the whole document more particularly Table 1 and compounds 4a-4c</p>	1-14
A	<p>----- WO 00/08042 A (KAWASAKI ANDREW M ; MANOHARAN MUTHIAH (US); COOK PHILLIP DAN (US); ISI) 17 February 2000 (2000-02-17) examples 75,76; compounds 145, 147 figure 25 -----</p>	1-14

## INTERNATIONAL SEARCH REPORT

Information on patent family members

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